

DC UNINTERRUPTIBLE POWER SUPPLY

DUPS-1PH-28-560-A01

The "DUPS-1PH-28-560-A01" is a DC uninterruptible power supply with multiple output capabilities, capable of charging an internal two BB2590 battery and delivering 28 VDC loads when connected to Universal AC input. In the event of power interruptions or low input voltage, it maintains regulated output from the internal battery. Key features include DC UPS functionality, continuous built-in testing, various charging modes, voltage protection, fanless cooling, and adjustable output between 24-36 VDC. It meets MIL-STD-810 standards and supports multiple operational modes, making it versatile and reliable for various applications.

- DC UPS Function
- Constant current charge mode
- Constant voltage charge mode
- Battery over-voltage protection
- Battery under-voltage protection
- Conduction cooling without fan
- Droop-method current sharing
- Continuous built-in test
- During power failure automatically supplies regulated 28 VDC to loads



Designed to meet the demanding requirements of military and defense applications, this rugged outdoor UPS (Uninterruptible Power Supply) system ensures seamless power continuity in the harshest environments. Engineered for durability, mobility, and reliability, the system operates efficiently under extreme weather and challenging field conditions.

Powered by an AC input, the UPS provides stable output power while simultaneously charging its internal batteries. In the event of a power outage or input failure, it instantly switches to battery mode without any interruption, ensuring continuous operation of mission-critical equipment.



This military-grade UPS system not only delivers robust performance in outdoor environments but also stands out with its intuitive and operator-friendly interface ensuring ease of use in high-stress, field conditions.

Equipped with a battery connection switch, the system allows users to easily select whether the internal batteries are active or isolated. Separate output control switch enables manual activation or shutdown of the output power. For real-time monitoring, the unit features a clear LED status panel.